

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re application of:

ZAUDERER, M.

Appl. No. 08/935,377

Filed: September 22, 1997

Art Unit: 1644

Examiner: Ewoldt, G.

Atty. Docket: 1821.0010000/EKS/HCC
(Formerly PENY4-628885)

SEP 19 2001

TECH CENTER 1600/2900



For: **T Cells Specific for Target
Antigens and Vaccines Based
Thereon**

Provisional Election of Species With Traverse

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please note that the attorney docket number for the captioned application has changed from "PENY4-628885" to --1821.0010000--.

The Examiner has again required election of species. In order to be fully responsive, Applicants hereby provisionally elect, with traverse, (A) the subject matter of SEQ ID NO:7, as designated by the Examiner, and (B) the subject matter of p7.5/ATG1/tk, as designated by the Examiner. In view of this provisional election, and the previous species election made on May 1, 2000, claims 69-82, 86, 87, 89, 90, 92-100, 102-112, 114, 115, and 117-120 are generic, and claims 91 and 116 read on the provisionally elected species. Applicants assert the right to claim additional species (both in this election and in the election made previously) in the event that a generic claim thereto is found to be allowable in accordance with 37 C.F.R. § 1.141(a). This provisional election is made without prejudice to or disclaimer of the other claims or inventions disclosed. Consideration and allowance of all pending claims are respectfully requested. Should this species election be made final, Applicants retain the right to petition from this requirement under 37 C.F.R. § 1.144.

H
28
KD
9-2001

Applicants respectfully traverse and request the withdrawal of the requirement for election of species. As a threshold matter, Applicants point out that MPEP § 803 lists the criteria for a proper restriction requirement:

If the search and examination of an entire application can be made without serious burden, the examiner must examine it on the merits, even though it includes claims to independent or distinct inventions.

Thus, even assuming, *arguendo*, that the groups listed by the Examiner represented distinct or independent inventions, restriction remains improper unless it can be shown that the search and examination of the groups would entail a "serious burden." *See* M.P.E.P. § 803. In the present situation, no such showing has been made.

The Examiner has asserted that SEQ ID NOs:1, 3, and 6-9 represent different viral genomes. However, these sequences are optional *portions of the previously elected vaccinia viral vector* species. (Reply to Restriction Requirement filed May 1, 2000.) Moreover, Applicants previously elected SEQ ID NOs:3 and 7. (Telephone Election of May 9, 2000.)

The Examiner has also asserted that p7.5/ATG0/tk, p7.5/ATG1/tk, p7.5/ATG2/tk, and p7.5/ATG3/tk represent different transfer plasmids with different molecular biological properties. However, each transfer plasmid comprises the same promoter, and each includes unique BamHI, SmaI, PstI, and SalI sites for cloning DNA inserts. The four transfer plasmids differ *only* with respect to the placement of a translation initiation codon, either employing an endogenous translation initiation site in an insert DNA (in vector p7.5/ATG0/tk (SEQ ID NO:6)) or by making use of a vector translation initiation site in any one of the three possible reading frames (p7.5/ATG1/tk (SEQ ID NO:7), p7.5/ATG2/tk (SEQ ID NO:8) and p7.5/ATG3/tk (SEQ ID NO:9)). Indeed, SEQ ID NOs 7-9 differ only in the addition of one (SEQ ID NO:8) or two (SEQ

ID NO:9) single nucleotides following nucleotide 48 in SEQ ID NO:7, and SEQ ID NO:6 differs from SEQ ID NO:7 only in the deletion of the ATG codon at nucleotides 46-48. Since sequences p7.5/ATG0/tk, p7.5/ATG1/tk, p7.5/ATG2/tk, and p7.5/ATG3/tk are merely modifications of the same sequence, a search of each of them would largely, if not entirely, overlap. Thus, the search and examination of all of sequences p7.5/ATG0/tk, p7.5/ATG1/tk, p7.5/ATG2/tk, and p7.5/ATG3/tk would not entail a serious burden.

Applicants also note that the Examiner is requiring an election of the members of the Markush-type claims (e.g., claims 91 and 116), and respectfully point out that MPEP § 803.02 requires that "[i]f the members of the Markush group are sufficiently few in number or so closely related that a search and examination of the entire claim can be made without serious burden, the examiner must examine all claims on the merits." Applicants submit that the members of the Markush groups of the pending claims are sufficiently few in number and very closely related, as they are all modifications *of the same nucleic acid sequence*, so that a search of all of the members may be made without a serious burden, contrary to the Examiner's position. Moreover, even assuming that examination of the entire claim would present a serious burden, MPEP § 803.02 states that "[f]ollowing election, the Markush-type claim will be examined fully as to the elected species and further to the extent necessary to determine patentability." If no prior art is found "that anticipates or renders obvious the elected "species," the search of the Markush-type claim *will be extended*." *Id.* (emphasis added).

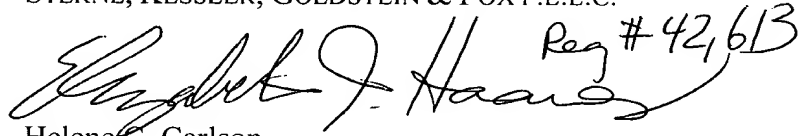
Thus, Applicants respectfully request that the requirement for election of species be withdrawn so the restricted subject matter can be examined together.

In light of these remarks, reconsideration and withdrawal of the Restriction Requirement, and consideration and allowance of all pending claims are respectfully requested.

It is not believed that extensions of time are required, beyond those that may otherwise be provided for in accompanying documents. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

 Reg # 42,613

For

Helene C. Carlson
Agent for Applicant
Registration No. 47,473

Date: September 17, 2001

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600